



ENVIRONMENTAL CONSULTANTS

300 S. WACKER DRIVE, SUITE 2050  
CHICAGO, IL 60606  
(P) 312.465.1740  
(F) 262.523.9001

Mr. Ross del Rosario  
USEPA Region 5 – SR6J  
77 W. Jackson Boulevard  
Chicago, Illinois 60604-3590

August 10, 2012  
2037

RE: July 2012 Monthly Progress Report  
Former Crawford Station MGP Site  
Chicago, Illinois  
Peoples Gas Light and Coke Company

**CERCLA Docket No. V-W-08-C-917 and V-W-11-C-981**  
**CERCLIS ID – ILN0000510192**

Dear Mr. del Rosario:

On behalf of Integrys Business Support, LLC (IBS), Natural Resource Technology, Inc. (NRT) is providing this Monthly Progress Report for the Former Crawford Station Manufactured Gas Plant (MGP) Site. This report encompasses the Removal Action work and the Remedial Investigation/Feasibility Study (RI/FS) activities that are being performed concurrently.

## I. Time Critical Removal Action (AOC V-W-11-C-981)

### 1) Progress Made During the Past Month

#### **Removal Action Area – Parcels A, B, & O**

- The Removal Action on Parcels A, B, & O is on-going in accordance with the USEPA-approved Removal Action Work Plan, Rev. 1 (RAWP).
- Wastewater generated during the Removal Action is being treated on-site and discharged into the City of Chicago sewer system and then conveyed to the Metropolitan Water Reclamation District of Greater Chicago's (MWRD's) interceptor system for treatment. For the month of July, a total of 390,755 gallons was discharged. For the project, a total of 2,221,402 gallons have been discharged through July 31, 2012.
- Soil excavation and removal is continuing. For the month of July, a total of 44,145 tons of soil has been transported off-site for disposal. For the project, a total of 236,522 tons of soil have been excavated and transported to Waste Managements' Laraway Road RDF for disposal. This reflects approximately 92% of the total estimated tonnage projected in the RAWP.
- Excavation along the sheetpile wall has been completed. All sheetpile bracing walls have been removed.
- The June monthly progress report was prepared and submitted to USEPA on July 11, 2012.
- Full Scale Air Monitoring was conducted consisting of continuous daily monitoring of PM<sub>10</sub> and one 12-hour SUMMA sampling event per week at one upwind and two downwind locations.
- Soil samples were collected from the walls and base of the excavations at the frequency outlined in the RAWP.

- Excavated soils from adjacent Peoples Gas integrity digs (i.e., excavations along the alignment of the high pressure gas lines) are being handled along with soils from the Removal Action excavation. Groundwater accumulating in the excavation is being pumped to the water treatment system for eventual discharge into the MWRD system. Evaluations for the removal of the observed source material in the vicinity of the gas lines are being conducted.
- Excavation was conducted along the southern portion of the large (18' x 14.4') City of Chicago sewer. Soil was excavated along both sides of the sewer to the approximate invert elevation. ORC Advanced was applied adjacent to the sewer as a supplemental remediation technique.
- An odor mitigation system was installed and activated along the western property boundary.
- USEPA conducted various site visits during July. A brief description of the visits is given below.
  - Jim Hahnenberg of the USEPA was on site on Tuesday (7/10). NRT provided a site tour and reviewed the current and projected construction activities to date.
  - Ross del Rosario and Jim Hahnenberg of the EPA were on site on July 31, 2012 and were given a site tour encompassing all site activities.

### **Parcel L**

Progress was made on the development of the Removal Action Work Plan Addendum for Parcel L.

### **2) Analytical and Other Testing Results Received**

- Full Scale Air Monitoring Events sampling data is provided in tabular form as Attachment No. 1.
- Post-Excavation soil sample data that was received in June is provided in tabular form as Attachment No. 2.
- Parcel L investigation data is provided in tabular form as Attachment No. 3.

### **3) Project Work Next Month**

#### **IBS Actions**

- Continue soil excavation activities and hauling to Waste Management's Laraway Road RDF.
- Continue Full Scale Perimeter Air Monitoring consisting one 12-hour SUMMA sampling event per week and daily PM<sub>10</sub> monitoring.
- Conduct Periodic Real-Time Air Monitoring with portable and hand-held equipment during construction activities.
- Conduct Post-Excavation Soil sampling for every 50 feet of wall and 2,500 square feet of floor.
- RAWP for Parcel L will be submitted to the USEPA by mid-August, 2012.

### USEPA Actions

- None at this time, other than routine site observations and monitoring.

### **4) Anticipated Schedule**

<b>Deliverable or Milestone</b>	<b>Target Date</b>	<b>Actual Date</b>
Settlement Agreement Signed	--	October 12, 2011
Project Start Date		October 12, 2011
Monthly Progress Reports	Due the 11 <sup>th</sup> of Each Month	
Removal Action Work Plan, Rev 0 <sup>1</sup>		August 1, 2011
Removal Action Work Plan, Rev. 1 <sup>1</sup>		September 6, 2011
USEPA Approval of RAWP <sup>1</sup>		September 8, 2011
Removal Action – Start Date	November 2011	January 31, 2012
Removal Action – Completion Date	Late 2012	

<sup>1</sup> Removal Action Work Plan documents were prepared pursuant to AOC V-W-08-C-917

### **5) Problems or Potential Problems Encountered**

- None

### **6) Actual or Planned Resolution of Problems or Potential Problems**

- None

## **II. RI/FS Activities (AOC V-W-08-C-917)**

### **1) Progress Made During the Past Month**

- Progress is being made on the preparation of the SSWP, Rev. 1 to address USEPA's comments. A submittal date of August 6, 2012 for the revised SSWP was agreed to at the meeting on July 5.

### **2) Analytical and Other Testing Results Received**

- None.

### **3) Project Work Next Month**

### IBS Actions

- The SSWP Rev. 1, along with a response letter to address USEPA's comments on the initial SSWP submittal, was provided to USEPA on August 6, 2012.

### USEPA Actions

#### 4) Anticipated Schedule

Deliverable or Milestone	Target Date	Actual Date
Settlement Agreement Signed	--	October 31, 2008
Project Start Date		December 15, 2011
Monthly Progress Reports	Due the 14 <sup>th</sup> of Each Month	
Completion Report , Rev. 0	December 15, 2011	December 23, 2012
Pre-Site Specific Scoping Meeting	January 24, 2012	January 24, 2012
Site Specific Work Plan, Rev. 0	March 14, 2012	March 14, 2012
Receive USEPA Comments on SSWP, Rev. 0	May 14, 2012	
Site Specific Work Plan, Rev. 1	August 5, 2012	August 6, 2012
USEPA Approves SSWP, Rev. 1	September 5, 2012	
RI/FS (Parcel Group 1)	October, 2012 to Sept. 2014	

#### 5) Problems or Potential Problems Encountered

- None.

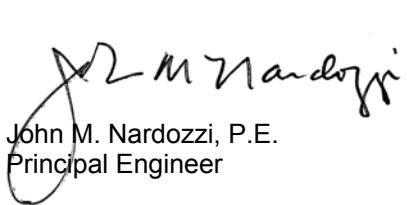
#### 6) Actual or Planned Resolution of Problems or Potential Problems

- None.

Please contact Mr. Naren Prasad of IBS at 312.240.4569 if you should have any questions regarding the content of this progress report.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



John M. Nardozzi, P.E.  
Principal Engineer



Timothy B. Norris, PG  
Geologist

Attachments:

Attachment No. 1 – Full Scale Startup Air Monitoring Data  
Attachment No. 2 – Post-Excavation Soil Sample Data  
Attachment No. 3 – Parcel L Investigation Soil Sample Data

cc: D. Wilson, IEPA (via US Mail and email)  
Mr. Naren Prasad, Integrys (via email)  
Mr. David Klatt, CH2M Hill (via email)  
Ms. Jennifer Kahler, NRT

**Attachment No. 1**  
**Full Scale Air Monitoring**  
**Former Crawford Station MGP Site, Chicago, Illinois**  
**Peoples Gas Light and Coke Company**  
ILN0000510192

Air Station	Client ID	Sample Collection Date	Constituent/Result [microgram per cubic meter ( $\mu\text{g}/\text{m}^3$ )]				
			Benzene	Ethylbenzene	Toluene	Xylenes, Total	Naphthalene
South	120627001	6/27/2012	0.64 U	0.87 U	1.3	0.87 U	2.6 U
West	120627002	6/27/2012	3.0	1.7	26	5.4	4.0
North	120627003	6/27/2012	3.8	3.9	5.7	7.7	47
South	120703001	7/3/2012	1.2	2.7	15	8.0	2.6 U
West	120703002	7/3/2012	1.7	0.87 U	1.9	2.1	3.6
North	120703003	7/3/2012	1.9	1.4	4.1	3.8	6.0
South	120711001	7/11/2012	0.64 U	0.87 U	1.3	0.88	2.6 U
West	120711002	7/11/2012	0.91	0.87 U	2.6	1.4	4.2
North	120711003	7/11/2012	0.71	0.87 U	1.8	1.0	2.6 U
South	120718001	7/18/2012	0.74	0.90	4.9	2.8	2.8
West	120718002	7/18/2012	0.62	0.87 U	2.2	3.0	2.6 U
North	120718003	7/18/2012	0.64 U	0.87 U	2.5	1.7	2.6 U

Notes:

2) U - Analyte was not detected. The associated number is the detection limit.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]												
						1,1,2,4-Trimethylbenzene 146	1,3,5-Trimethylbenzene 70.6	2,4-Dimethylphenol 4678	: 2-Methylnaphthalene	: 2-Methylnaphthalene	: 3 & 4 Methylphenol	: Acenaphthene	: Acenaphthylene	: Anthracene	Benzene	: Benzo[a]anthracene	: Benzo[al]pyrene	: Benzo[b]fluoranthene
2037 Crawford	120621001	EB-91	16	6/21/2012	Yes	0.0038 U	0.0038 U	0.36 U *	0.18 U	0.18 U	0.18 U	0.036 U *	0.036 U	0.036 U *	0.0038 U	0.036 U	0.036 U *	0.036 U
2037 Crawford	120621002	EB-92	16	6/21/2012	Yes	0.085 U	0.085 U	0.39 U *	0.076 J	0.20 U	0.20 U	0.039 U *	0.012 J	0.039 U *	0.011 U	0.039 U	0.039 U *	0.039 U
2037 Crawford	120621003	EB-93	16	6/21/2012	Yes	0.0043 U	0.0043 U	0.37 U *	0.19 U	0.19 U	0.19 U	0.037 U *	0.037 U	0.037 U *	0.0043 U	0.037 U	0.037 U *	0.037 U
2037 Crawford	120621004	EB-94	16	6/21/2012	Yes	0.082 U	0.082 U	0.39 U *	0.25	0.20 U	0.20 U	0.039 U *	0.039 U	0.039 U *	0.010 U	0.039 U	0.039 U *	0.039 U
2037 Crawford	120625002	EB-95	16	6/25/2012	Yes	0.0047 U	0.0047 U	0.38 U	1.6	0.19 U	0.19 U	0.52 *	0.37	0.41	0.0047 U	0.30	0.12	0.16
2037 Crawford	120625003	EB-96	16	6/25/2012	Yes	0.63	0.19	1.8 U	6.0	0.92 U	0.92 U	1.9 *	1.2	1.6	0.36	1.6	0.63	0.94
2037 Crawford	120627004	EB-97	16	6/27/2012	Yes	0.0043 U	0.0043 U	0.37 U	0.070 J	0.18 U	0.18 U *	0.037 U *	0.037 U	0.037 U	0.0043 U	0.037 U	0.037 U	0.037 U
2037 Crawford	120627005	EB-98	16	6/27/2012	Yes	0.0043 U	0.0043 U	0.38 U	0.049 J	0.19 U	0.19 U *	0.038 U *	0.038 U	0.038 U	0.0043 U	0.038 U	0.038 U	0.038 U
2037 Crawford	120627006	EB-99	16	6/27/2012	Yes	0.018 J	0.073 U	0.37 U	0.16 J	0.19 U	0.19 U *	0.024 J *	0.037 U	0.037 U	0.0092 U	0.037 U	0.037 U	0.037 U
2037 Crawford	120628001	EB-100	10	6/28/2012	Yes	0.0045 U	0.0045 U	7.4 U	23	3.7 U	3.7 U *	0.42 J	5.2	0.26 J	0.0044 J	0.18 J	0.74 U	0.74 U
2037 Crawford	120628002	EB-101	10	6/28/2012	Yes	0.0057 U	0.0057 U	0.39 U	1.2	0.20 U	0.20 U *	0.061	0.40	0.16	0.0057 U	0.26	0.11	0.21
2037 Crawford	120629001	EB-102	21	6/29/2012	Yes	0.030 J	0.077 U	0.37 U	0.19 U	0.19 U	0.19 U *	0.048	0.037 U	0.095	0.0097 U	0.64	0.64	0.85
2037 Crawford	120629002	EB-103	21	6/29/2012	Yes	0.056 J	0.076 U	0.39 U	0.20 U	0.20 U	0.20 U	0.039 U	0.039 U	0.036 J	0.012	0.27	0.29	0.39
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	0.079	0.069 U	0.37 U *	14	0.29	1.2 *	2.3 *	8.4	6.9	62	4.8	2.3	1.9
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	0.079	0.069 U	0.37 U *	14	0.29	1.2 *	2.3 *	8.4	6.9	62	4.8	2.3	1.9
2037 Crawford	120702005	EB-104 (dup)	10	7/2/2012	Yes	0.15	0.072 U	0.28 J *	9.6	0.47	2.1 *	1.4 *	2.7	2.5	20	2.6	1.5	1.4
2037 Crawford	120702006	EB-105	10	7/2/2012	Yes	1.6	0.49 J	3.8 U *	170	1.9 U	1.9 U *	95 *	26	85	0.46	66	43	29
2037 Crawford	120702007	EB-106	21	7/2/2012	Yes	0.034 J	0.012 J	0.38 U	0.21	0.19 U	0.19 U	0.082	0.022 J	0.050	0.010 U	0.042	0.028 J	0.025 J
2037 Crawford	120702008	EB-107	21	7/2/2012	Yes	0.024 J	0.080 U	0.38 U	0.20	0.19 U	0.19 U	0.093	0.018 J	0.051	0.0086 J	0.051	0.033 J	0.028 J
2037 Crawford	120703004	EB-108	12	7/3/2012	Yes	2.2	0.57	3.7 U	22	1.9 U	1.9 U *	0.78	7.2	1.8	1.0	0.87	0.54	0.29 J
2037 Crawford	120703005	EB-109	12	7/3/2012	Yes	0.079 J	0.024 J	0.40 U	0.080 J	0.20 U	0.20 U *	0.026 J	0.027 J	0.032 J	0.0085 J	0.042	0.033 J	0.027 J
2037 Crawford	120703006	EB-110	14	7/3/2012	Yes	0.051 J	0.076 U	1.9 U	0.95 J	0.97 U	0.97 U *	0.42	0.18 J	0.33	0.035	0.30	0.23	0.19
2037 Crawford	120703007	EB-111	14	7/3/2012	Yes	0.0048 U	0.0048 U	0.39 U	0.066 J	0.20 U	0.20 U *	0.023 J	0.021 J	0.031 J	0.0048 U	0.037 J	0.032 J	0.031 J
2037 Crawford	120703008	EB-112	21	7/3/2012	Yes	0.0037 U	0.0037 U	0.38 U	0.070 J	0.19 U	0.19 U	0.038 U	0.038	0.045	0.0037 U	0.034 J	0.022 J	0.026 J
2037 Crawford	120703009	EB-113	21	7/3/2012	Yes	0.0042 U	0.0042 U	0.37 U	0.19 U	0.19 U	0.19 U	0.037 U	0.037 U	0.037 U	0.0042 U	0.037 U	0.037 U	0.037 U
2037 Crawford	120705001	EB-114	10	7/5/2012	Yes	1.3	0.22	3.9 U	43	2.0 U	2.0 U *	12 *	13	14	9.8	11	7.8	6.3

Notes:

1) ft bgs - feet below ground surface

2) -- - No screening level for this analyte.

3) U -Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Benzo[g,h,i]perylene	: Benzo[k]fluoranthene	: Chrysene	: Dibenz(a,h)anthracene	400	Ethylbenzene	: Fluoranthene	: Fluorene	: Indeno[1,2,3-cd]pyrene	: m&p-Xylene	: Naphthalene	: o-Xylene	: Percent Moisture	: Percent Solids
2037 Crawford	120621001	EB-91	16	6/21/2012	Yes	0.023 J	0.036 U	0.022 J	0.036 U	0.0038 U	0.036 U *	0.036 U	0.036 U *	0.0076 U	0.045 *	0.0038 U	13	87	
2037 Crawford	120621002	EB-92	16	6/21/2012	Yes	0.027 J	0.039 U	0.024 J	0.039 U	0.011 U	0.039 U *	0.020 J	0.039 U *	0.021 U	0.040 *	0.011 U	16	84	
2037 Crawford	120621003	EB-93	16	6/21/2012	Yes	0.020 J	0.037 U	0.023 J	0.037 U	0.0043 U	0.037 U *	0.037 U	0.037 U *	0.0086 U	0.021 J *	0.0043 U	16	84	
2037 Crawford	120621004	EB-94	16	6/21/2012	Yes	0.023 J	0.039 U	0.022 J	0.039 U	0.010 U	0.039 U *	0.018 J	0.039 U *	0.020 U	0.034 J *	0.010 U	16	84	
2037 Crawford	120625002	EB-95	16	6/25/2012	Yes	0.10	0.067	0.32	0.038	0.0047 U	0.41	0.55	0.062	0.0095 U	1.7	0.0047 U	16	84	
2037 Crawford	120625003	EB-96	16	6/25/2012	Yes	0.45	0.41	1.7	0.24	0.89	2.2	2.1	0.35	0.75	7.4	0.41	11	89	
2037 Crawford	120627004	EB-97	16	6/27/2012	Yes	0.027 J	0.037 U	0.022 J	0.037 U	0.0043 U	0.037 U	0.037 U *	0.037 U	0.0085 U	0.019 J *	0.0043 U	13	87	
2037 Crawford	120627005	EB-98	16	6/27/2012	Yes	0.023 J	0.038 U	0.017 J	0.038 U	0.0043 U	0.038 U	0.038 U *	0.038 U	0.0085 U	0.017 J *	0.0043 U	14	86	
2037 Crawford	120627006	EB-99	16	6/27/2012	Yes	0.035 J	0.037 U	0.039	0.037 U	0.0092 U	0.037 U	0.037 U *	0.037 U	0.018 U	0.035 J *	0.0092 U	12	88	
2037 Crawford	120628001	EB-100	10	6/28/2012	Yes	0.74 U	0.74 U	0.25 J	0.74 U	0.0045 U	0.40 J	0.81	0.74 U	0.0089 U	150	0.0045 U	14	86	
2037 Crawford	120628002	EB-101	10	6/28/2012	Yes	0.10	0.056	0.25	0.035 J	0.0057 U	0.30	0.29	0.066	0.011 U	1.8	0.0057 U	17	83	
2037 Crawford	120629001	EB-102	21	6/29/2012	Yes	0.57	0.36	0.75	0.22	0.0090 J	1.4	0.042	0.53	0.015 J	0.0080 J	0.0071 J	16	84	
2037 Crawford	120629002	EB-103	21	6/29/2012	Yes	0.28	0.17	0.29	0.082	0.037	0.57	0.011 J	0.21	0.034	0.039 U	0.024	17	83	
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	1.0	1.2	5.1	0.36	0.20	9.0	10 *	0.89	0.36	16	0.23	14	86	
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	1.0	1.2	5.1	0.36	0.20	9.0	10 *	0.89	0.36	16	0.23	14	86	
2037 Crawford	120702005	EB-104 (dup)	10	7/2/2012	Yes	0.75	0.84	2.3	0.31	1.1	5.7	5.6 *	0.68	2.3	15	1.6	15	85	
2037 Crawford	120702006	EB-105	10	7/2/2012	Yes	16	56	63	7.2	0.97	100	130 *	15	0.51	240	0.53	14	86	
2037 Crawford	120702007	EB-106	21	7/2/2012	Yes	0.018 J	0.038 U	0.045	0.038 U	0.020	0.054	0.068	0.038 U	0.052	0.49	0.021	16	84	
2037 Crawford	120702008	EB-107	21	7/2/2012	Yes	0.025 J	0.0099 J	0.053	0.038 U	0.029	0.072	0.078	0.038 U	0.030	0.42	0.016	17	83	
2037 Crawford	120703004	EB-108	12	7/3/2012	Yes	0.14 J	0.29 J	0.98	0.37 U	0.55	1.7	3.2	0.12 J	3.2	43	1.6	11	89	
2037 Crawford	120703005	EB-109	12	7/3/2012	Yes	0.039 J	0.016 J	0.056	0.019 J	0.012	0.057	0.048	0.017 J	0.068	0.13	0.033	20	80	
2037 Crawford	120703006	EB-110	14	7/3/2012	Yes	0.14 J	0.13 J	0.33	0.19 U	0.017	0.59	0.52	0.093 J	0.047	2.6	0.024	17	83	
2037 Crawford	120703007	EB-111	14	7/3/2012	Yes	0.045	0.013 J	0.046	0.039 U	0.0048 U	0.063	0.053	0.016 J	0.0096 U	0.094	0.0048 U	17	83	
2037 Crawford	120703008	EB-112	21	7/3/2012	Yes	0.020 J	0.013 J	0.036 J	0.038 U	0.0037 U	0.067	0.044	0.038 U	0.0073 U	0.082	0.0037 U	16	84	
2037 Crawford	120703009	EB-113	21	7/3/2012	Yes	0.037 U	0.037 U	0.037 U	0.037 U	0.0042 U	0.037 U	0.037 U	0.037 U	0.0084 U	0.020 J	0.0042 U	15	85	
2037 Crawford	120705001	EB-114	10	7/5/2012	Yes	3.3	4.5	11	1.4	5.3	18	20 *	2.8	5.4	28	4.3	15	85	

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Phenanthrene	: Phenol	: Pyrene	Toluene	Xylenes, Total	- Diesel Range Organics [C10-C28]	- Gasoline Range Organics (C6-C9)	Total Petroleum Hydrocarbons <sup>†</sup>	: Aluminum	: Antimony	: Arsenic	: Barium	: Cadmium	
2037 Crawford	120621001	EB-91	16	6/21/2012	Yes	0.022 J	0.18 U	0.013 J	0.0038 U	0.0076 U	290	0.058 U	290	7400	2.2 U	13	21	0.19 J	
2037 Crawford	120621002	EB-92	16	6/21/2012	Yes	0.088	0.20 U	0.019 J	0.011 U	0.021 U	150	8.7	158.7	11000	2.1 U	7.4	54	0.052 J	
2037 Crawford	120621003	EB-93	16	6/21/2012	Yes	0.023 J	0.19 U	0.037 U	0.0043 U	0.0086 U	230	0.059 U	230	8600	0.36 J B	4.4	31	0.23 U	
2037 Crawford	120621004	EB-94	16	6/21/2012	Yes	0.096	0.20 U	0.014 J	0.010 U	0.020 U	170	8.8	178.8	11000	2.1 U	7.4	38	0.21 U	
2037 Crawford	120625002	EB-95	16	6/25/2012	Yes	1.2	0.19 U	0.58	0.0047 U	0.0095 U	130	9.1	139.1	13000	2.3 U	7.0	31	0.74	
2037 Crawford	120625003	EB-96	16	6/25/2012	Yes	5.6	0.92 U	3.4	0.35	1.2	510	12	522	8300	2.0 U	12	40	0.88	
2037 Crawford	120627004	EB-97	16	6/27/2012	Yes	0.048	0.18 U	0.016 J	0.0043 U	0.0085 U	120	6.6	126.6	11000 B	0.66 J	5.6	57	0.18 J	
2037 Crawford	120627005	EB-98	16	6/27/2012	Yes	0.047	0.19 U	0.018 J	0.0043 U	0.0085 U	89	7.5	96.5	11000 B	0.69 J	6.5	60	0.23	
2037 Crawford	120627006	EB-99	16	6/27/2012	Yes	0.16	0.19 U	0.031 J	0.0092 U	0.018 U	360	11	371	7900 B	0.70 J	9.8	31	0.24	
2037 Crawford	120628001	EB-100	10	6/28/2012	Yes	1.5	3.7 U	0.55 J	0.0026 J	0.0089 U	580	3.4	583.4	9200	0.74 J	9.3	46	0.18 J	
2037 Crawford	120628002	EB-101	10	6/28/2012	Yes	0.77	0.20 U	0.40	0.0057 U	0.011 U	60	3.8	63.8	9700	0.75 J	12	32	0.29	
2037 Crawford	120629001	EB-102	21	6/29/2012	Yes	0.54	0.19 U	1.1	0.0097 U	0.022	140	11	151	11000	0.57 J	6.9	41	0.23	
2037 Crawford	120629002	EB-103	21	6/29/2012	Yes	0.21	0.20 U	0.44	0.0088 J	0.058	270	8.0	278	10000	0.35 J	6.8	39	0.25	
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	22	1.1	10	14	0.59	710	160	870	7500	0.60 J	11	110	0.34	
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	22	1.1	10	14	0.59	710	160	870	7500	0.60 J	11	110	0.34	
2037 Crawford	120702005	EB-104 (dup)	10	7/2/2012	Yes	13	1.6	6.4	8.2	3.9	440	60	500	7800	0.39 J	8.1	28	0.44	
2037 Crawford	120702006	EB-105	10	7/2/2012	Yes	220	1.9 U	120	0.13 J	1.0	8900	16	8916	9600	0.40 J	9.3	44	0.16 J	
2037 Crawford	120702007	EB-106	21	7/2/2012	Yes	0.26	0.19 U	0.038 U	0.0099 J	0.072	150	7.2	157.2	10000	0.76 J	19	41	0.28	
2037 Crawford	120702008	EB-107	21	7/2/2012	Yes	0.27	0.19 U	0.12	0.010 U	0.045	160	4.7	164.7	8000	0.76 J	5.4	33	0.20 J	
2037 Crawford	120703004	EB-108	12	7/3/2012	Yes	5.2	1.9 U	2.6	2.9	4.8	400	47	447	7800	0.52 J B	6.0	18	0.21	
2037 Crawford	120703005	EB-109	12	7/3/2012	Yes	0.15	0.20 U	0.091	0.031	0.10	180	5.8	185.8	12000	0.78 J B	6.4	39	0.31	
2037 Crawford	120703006	EB-110	14	7/3/2012	Yes	1.3	0.97 U	0.62	0.032	0.071	200	1.5	201.5	9000	0.68 J B	8.2	24	0.24	
2037 Crawford	120703007	EB-111	14	7/3/2012	Yes	0.14	0.20 U	0.067	0.0048 U	0.0096 U	69	1.7	70.7	14000	0.76 J B	4.9	52	0.21 J	
2037 Crawford	120703008	EB-112	21	7/3/2012	Yes	0.17	0.19 U	0.062	0.0037 U	0.0073 U	110	4.6	114.6	11000	0.55 J	7.2	41	0.18 J	
2037 Crawford	120703009	EB-113	21	7/3/2012	Yes	0.031 J	0.19 U	0.037 U	0.0042 U	0.0084 U	150	4.3	154.3	10000	0.53 J	6.9	45	0.21 J	
2037 Crawford	120705001	EB-114	10	7/5/2012	Yes	53	2.0 U	21	2.0	9.7	850	39	889	12000	0.71 J B	12	84	0.28	

Notes:

- 1) ft bgs - feet below ground surface  
 2) -- - No screening level for this analyte.

3) U - Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Chromium	: Copper	: Cyanide, Total	: Iron	- Lead	- Manganese	- Mercury	- Nickel	- Selenium	- Silver	- Vanadium	- Zinc		
2037 Crawford	120621001	EB-91	16	6/21/2012	Yes	14	40	0.46 U	21000	18	450	0.020 B	29	1.1 U	0.54 U	18	48		
2037 Crawford	120621002	EB-92	16	6/21/2012	Yes	19	26	0.50 U	20000	13	360	0.023 B	29	1.0 U	0.52 U	22	44		
2037 Crawford	120621003	EB-93	16	6/21/2012	Yes	17	20	0.56 U	15000	8.7	300	0.024 B	20	1.1 U	0.57 U	20	30		
2037 Crawford	120621004	EB-94	16	6/21/2012	Yes	18	26	0.54 U	20000	13	380	0.026 B	30	1.1 U	0.54 U	22	44		
2037 Crawford	120625002	EB-95	16	6/25/2012	Yes	22	26	0.39 U	23000	13 B	430	0.026	31	1.2 U	0.58 U	27	52		
2037 Crawford	120625003	EB-96	16	6/25/2012	Yes	15	36	0.39 U	25000	19 B	400	0.030	28	0.98 U	0.060 J	20	45		
2037 Crawford	120627004	EB-97	16	6/27/2012	Yes	19	20	0.32 U	18000	13	330 B	0.021	33	0.38 J	0.48 U	22	52		
2037 Crawford	120627005	EB-98	16	6/27/2012	Yes	20	21	0.42 U	19000	13	330 B	0.024	34	1.1 U	0.57 U	22	64		
2037 Crawford	120627006	EB-99	16	6/27/2012	Yes	14	33	0.51 U	19000	16	340 B	0.030	36	0.83 J	0.52 U	17	55		
2037 Crawford	120628001	EB-100	10	6/28/2012	Yes	16	19	0.39 U	26000	15	370	0.021 B	28	0.45 J	0.57 U	17	52		
2037 Crawford	120628002	EB-101	10	6/28/2012	Yes	18	36	0.53 U	26000	19	320	0.028 B	41	0.47 J	0.58 U	19	65		
2037 Crawford	120629001	EB-102	21	6/29/2012	Yes	19	20 B	0.41 U	19000	13	330	0.037 B	33	1.1 U	0.55 U	22	54		
2037 Crawford	120629002	EB-103	21	6/29/2012	Yes	18	22 B	0.44 U	19000	13	370	0.039 B	33	1.2 U	0.60 U	21	57		
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	15	33	0.17 J	20000	19	350	0.030	38	0.67 J	0.55 U	18	61		
2037 Crawford	120702004	EB-104	10	7/2/2012	Yes	15	33	0.17 J	20000	19	350	0.030	38	0.67 J	0.55 U	18	61		
2037 Crawford	120702005	EB-104 (dup)	10	7/2/2012	Yes	15	39	0.30 J	18000	16	320	0.053	32	1.0 U	0.51 U	18	68		
2037 Crawford	120702006	EB-105	10	7/2/2012	Yes	18 V	27	0.60	20000 V	19	300 V	0.13	37	0.67 J	0.52 U	20	59		
2037 Crawford	120702007	EB-106	21	7/2/2012	Yes	19	23	0.53 U	33000	22	330	0.033 B	34	0.38 J	0.57 U	21	65		
2037 Crawford	120702008	EB-107	21	7/2/2012	Yes	14	19	0.34 U	15000	10	270	0.039 B	25	1.2 U	0.58 U	16	45		
2037 Crawford	120703004	EB-108	12	7/3/2012	Yes	15	21	0.41 U	14000	12	280	0.012 J B	29	0.98 U	0.49 U	18	40		
2037 Crawford	120703005	EB-109	12	7/3/2012	Yes	21	26	0.47 U	20000	14	360	0.035 B	37	0.40 J	0.60 U	24	59		
2037 Crawford	120703006	EB-110	14	7/3/2012	Yes	16	25	0.47 U	26000	16	330	0.036 B	27	0.72 J	0.54 U	22	56		
2037 Crawford	120703007	EB-111	14	7/3/2012	Yes	24	20	0.41 U	23000	12	400	0.033 B	39	1.1 U	0.57 U	28	64		
2037 Crawford	120703008	EB-112	21	7/3/2012	Yes	19	22	0.49 U	21000	17	350	0.038 B	35	0.50 J	0.52 U	21	58		
2037 Crawford	120703009	EB-113	21	7/3/2012	Yes	18	22	0.52 U	20000	14	370	0.033 B	35	1.1 U	0.57 U	19	65		
2037 Crawford	120705001	EB-114	10	7/5/2012	Yes	20	32	0.40 J	27000	28	460	0.040 B	42	0.47 J	0.57 U	25	73		

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]												
						1,1,2,4-Trimethylbenzene 146	1,3,5-Trimethylbenzene 70.6	2,4-Dimethylphenol 4678	: 2-Methylnaphthalene	: 2-Methylnaphthalene	: 3 & 4 Methylphenol	: Acenaphthene	: Acenaphthylene	: Anthracene	Benzene	: Benzo[a]anthracene	: Benzo[al]pyrene	: Benzo[b]fluoranthene
2037 Crawford	120705002	EB-115	21	7/5/2012	Yes	0.0040 U	0.0040 U	0.39 U	0.20 U	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.0040 U	0.039 U	0.039 U	0.039 U
2037 Crawford	120705003	EB-116	21	7/5/2012	Yes	0.0040 U	0.0040 U	0.39 U	0.10 J	0.20 U	0.20 U	0.093	0.036 J	0.073	0.0040 U	0.065	0.039 U	0.038 J
2037 Crawford	120706001	EB-117	12	7/6/2012	No	6.3	1.9	19 U	240	9.5 U	9.5 U	61	37	48	1.9	38	27	22
2037 Crawford	120706002	EB-118	12	7/6/2012	Yes	0.037 J	0.072 U	0.38 U	0.35	0.19 U	0.19 U	0.025 J	0.038 U	0.038 U	0.0090 U	0.038 U	0.010 J	0.038 U
2037 Crawford	120712001	EB-119	14	7/12/2012	Yes	0.13	0.075 U	1.8 U *	53 *	0.91 U	0.91 U	7.5	12 *	11 *	0.076	9.2	6.5	4.3
2037 Crawford	120712002	EB-120	14	7/12/2012	Yes	0.068 J	0.075 U	0.37 U *	0.20 *	0.19 U	0.19 U	0.018 J	0.022 J *	0.010 J *	0.0094 U	0.015 J	0.037 U	0.0078 J
2037 Crawford	120712003	EB-121	12	7/12/2012	Yes	0.0040 U	0.0040 U	0.38 U *	0.083 J *	0.19 U	0.19 U	0.031 J	0.061 *	0.056 *	0.0040 U	0.084	0.061	0.072
2037 Crawford	120712004	EB-122	12	7/12/2012	Yes	0.0041 U	0.0041 U	0.38 U *	0.24 *	0.19 U	0.19 U	0.032 J	0.22 *	0.038 U *	0.0041 U	0.038 U	0.038 U	0.0074 J
2037 Crawford	120712005	EB-123	12	7/12/2012	Yes	4.9	1.3	0.37 U *	1.2 *	0.18 U	0.18 U	0.015 J	0.33 *	0.037 U *	1.9	0.037 U	0.037 U	0.0071 J
2037 Crawford	120713001	EW-28	6	7/13/2012	Yes	0.0044 U	0.0044 U	0.35 U	0.17 U	0.17 U	0.17 U	0.019 J	0.035 U	0.052	0.0044 U	0.12	0.086	0.13
2037 Crawford	120713002	EW-29	6	7/13/2012	Yes	0.0041 U	0.0041 U	0.35 U	0.18 U	0.18 U	0.18 U	0.83	0.33	1.3	0.0041 U	1.7	2.6	1.1
2037 Crawford	120713003	EW-29 (dup)	6	7/13/2012	Yes	0.0045 U	0.0045 U	0.34 U	0.17 U	0.17 U	0.17 U	7.2	0.99	7.3	0.0045 U	5.1	9.6	3.9
2037 Crawford	120713004	EW-30	6	7/13/2012	Yes	0.0041 U	0.0041 U	0.38 U	0.28	0.19 U	0.19 U	0.30	0.11	0.19	0.0041 U	0.16	0.13	0.083
2037 Crawford	120716004	EB-124	11.5	7/16/2012	Yes	4.8	1.2	0.38 U	0.10 J	0.19 U	0.19 U	0.013 J	0.10	0.038 U	0.15	0.038 U	0.038 U	0.038 U
2037 Crawford	120716005	EB-125	11.5	7/16/2012	Yes	1.2	0.23	0.37 U	0.11 J	0.19 U	0.19 U	0.037 U	0.037 U	0.082	0.037 U	0.037 U	0.037 U	0.037 U
2037 Crawford	120716006	EW-30	6	7/16/2012	Yes	0.58	0.35	0.38 U	0.87	0.19 U	0.19 U	0.076	0.084	0.15	0.14	0.13	0.098	0.11
2037 Crawford	120716007	EW-31	6	7/16/2012	Yes	0.073 U	0.073 U	0.36 U	0.60	0.18 U	0.18 U	0.69	0.11	0.24	0.0091 U	0.15	0.10	0.069
2037 Crawford	120716008	EW-32	6	7/16/2012	Yes	0.0037 U	0.0037 U	0.37 U	0.19 U	0.19 U	0.19 U	0.050	0.037 U	0.10	0.0037 U	0.037 U	0.037 U	0.037 U
2037 Crawford	120718004	EB-126	16	7/18/2012	Yes	0.035 J	0.087 U	0.39 U	0.099 J	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.011 U	0.039 U	0.039 U	0.039 U
2037 Crawford	120718005	EB-127	16	7/18/2012	Yes	0.0045 U	0.0045 U	0.40 U	0.20 U	0.20 U	0.20 U	0.040 U	0.040 U	0.040 U	0.0045 U	0.040 U	0.040 U	0.040 U
2037 Crawford	120718006	EB-128	16	7/18/2012	Yes	0.077 U	0.077 U	0.38 U	0.076 J	0.19 U	0.19 U	0.038 U	0.038 U	0.038 U	0.0096 U	0.056	0.038 U	0.038 U
2037 Crawford	120723001	EB-129	16	7/23/2012	Yes	0.0037 U	0.0037 U	0.36 U	0.18 U	0.18 U	0.18 U	0.036 U	0.036 U	0.036 U	0.0037 U	0.036 U	0.036 U	0.036 U
2037 Crawford	120723002	EB-130	16	7/23/2012	Yes	0.0035 U	0.0035 U	0.39 U	0.20 U	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.0035 U	0.039 U	0.039 U	0.039 U
2037 Crawford	120723003	EB-131	16	7/23/2012	Yes	0.0037 U	0.0037 U	0.38 U	0.056 J	0.19 U	0.19 U	0.038	0.048	0.045	0.0037 U	0.12	0.11	0.11
2037 Crawford	120724001	EB-132	21	7/24/2012	Yes	0.0041 U	0.0041 U	0.38 U	0.62	0.19 U	0.19 U	0.29	0.14	0.24	0.0041 U	0.24	0.15	0.13
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.0043 U	0.0043 U	0.39 U	0.066 J	0.20 U	0.20 U	0.024 J	0.039 U	0.020 J	0.0043 U	0.023 J	0.015 J	0.012 J

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [milligram per kilogram (mg/kg)]													
						: Benzo[g,h,i]perylene	: Benzo[k]fluoranthene	: Chrysene	: Dibenz(a,h)anthracene	400	Ethylbenzene	: Fluoranthene	: Fluorene	: Indeno[1,2,3-cd]pyrene	: m&p-Xylene	: Naphthalene	: o-Xylene	: Percent Moisture	: Percent Solids
2037 Crawford	120705002	EB-115	21	7/5/2012	Yes	0.039 U	0.039 U	0.039 U	0.039 U	0.0040 U	0.039 U	0.039 U	0.039 U	0.0080 U	0.015 J	0.0040 U	17	83	
2037 Crawford	120705003	EB-116	21	7/5/2012	Yes	0.039 U	0.019 J	0.075	0.039 U	0.0040 U	0.099	0.095	0.039 U	0.0081 U	0.063	0.0040 U	16	84	
2037 Crawford	120706001	EB-117	12	7/6/2012	No	10	13	38	3.5	6.8	71	70	8.8	6.3	380	3.8	13	87	
2037 Crawford	120706002	EB-118	12	7/6/2012	Yes	0.032 J	0.038 U	0.048	0.038 U	0.015	0.038 U	0.019 J	0.038 U	0.050	0.13	0.0065 J	13	87	
2037 Crawford	120712001	EB-119	14	7/12/2012	Yes	2.3 *	2.6	10	0.94	0.15	11 *	26	2.0	0.13	59 *	0.081	12	88	
2037 Crawford	120712002	EB-120	14	7/12/2012	Yes	0.029 J *	0.037 U	0.041	0.037 U	0.0094 U	0.029 J *	0.016 J	0.037 U	0.019	0.082 *	0.0081 J	12	88	
2037 Crawford	120712003	EB-121	12	7/12/2012	Yes	0.045 *	0.030 J	0.094	0.016 J	0.0040 U	0.14 *	0.087	0.026 J	0.0081 U	0.42 *	0.0040 U	16	84	
2037 Crawford	120712004	EB-122	12	7/12/2012	Yes	0.022 J *	0.038 U	0.022 J	0.038 U	0.0041 U	0.038 U *	0.038 U	0.038 U	0.0083 U	2.9 *	0.0041 U	15	85	
2037 Crawford	120712005	EB-123	12	7/12/2012	Yes	0.016 J *	0.037 U	0.017 J	0.037 U	1.7	0.037 U *	0.017 J	0.037 U	6.6	10 *	3.1	11	89	
2037 Crawford	120713001	EW-28	6	7/13/2012	Yes	0.040	0.14	0.11	0.013 J	0.0044 U	0.22	0.028 J	0.042	0.0087 U	0.024 J	0.0044 U	8	92	
2037 Crawford	120713002	EW-29	6	7/13/2012	Yes	2.2	0.86	1.7	0.12	0.0041 U	12	0.97	0.84	0.0082 U	0.016 J	0.0041 U	8	92	
2037 Crawford	120713003	EW-29 (dup)	6	7/13/2012	Yes	7.5	3.2	6.0	0.35	0.0045 U	28	9.6	1.8	0.0090 U	0.021 J	0.0045 U	8	92	
2037 Crawford	120713004	EW-30	6	7/13/2012	Yes	0.074	0.076	0.19	0.015 J	0.0041 U	0.33	0.34	0.045	0.0081 U	0.46	0.0041 U	18	82	
2037 Crawford	120716004	EB-124	11.5	7/16/2012	Yes	0.020 J	0.038 U	0.029 J	0.038 U	7.3	0.038 U	0.014 J	0.038 U	2.4	1.1	3.3	17	83	
2037 Crawford	120716005	EB-125	11.5	7/16/2012	Yes	0.015 J	0.037 U	0.035 J	0.037 U	4.0	0.037 U	0.037 U	0.037 U	0.73	0.085	1.8	15	85	
2037 Crawford	120716006	EW-30	6	7/16/2012	Yes	0.041	0.097	0.14	0.017 J	0.30	0.52	0.16	0.033 J	1.5	2.3	0.67	19	81	
2037 Crawford	120716007	EW-31	6	7/16/2012	Yes	0.039	0.055	0.17	0.023 J	0.016	0.22	0.42	0.025 J	0.014 J	0.77	0.0090 J	9	91	
2037 Crawford	120716008	EW-32	6	7/16/2012	Yes	0.037 U	0.037 U	0.037 U	0.037 U	0.0037 U	0.037 U	0.033 J	0.037 U	0.0074 U	0.0078 J	0.0037 U	14	86	
2037 Crawford	120718004	EB-126	16	7/18/2012	Yes	0.033 J	0.039 U	0.038 J	0.039 U	0.0066 J	0.039 U	0.039 U	0.039 U	0.021 J	0.049	0.0097 J	16	84	
2037 Crawford	120718005	EB-127	16	7/18/2012	Yes	0.032 J	0.040 U	0.040 U	0.040 U	0.0045 U	0.040 U	0.040 U	0.040 U	0.0090 U	0.012 J	0.0045 U	17	83	
2037 Crawford	120718006	EB-128	16	7/18/2012	Yes	0.024 J	0.038 U	0.060	0.038 U	0.0096 U	0.038 U	0.038 U	0.038 U	0.019 U	0.038 U	0.0096 U	13	87	
2037 Crawford	120723001	EB-129	16	7/23/2012	Yes	0.036 U	0.036 U	0.033 J	0.036 U	0.0037 U	0.017 J	0.036 U	0.036 U	0.0074 U	0.036 U	0.0037 U	13	87	
2037 Crawford	120723002	EB-130	16	7/23/2012	Yes	0.023 J	0.039 U	0.044	0.039 U	0.0035 U	0.030 J	0.039 U	0.039 U	0.0071 U	0.021 J	0.0035 U	15	85	
2037 Crawford	120723003	EB-131	16	7/23/2012	Yes	0.068	0.12	0.18	0.029 J	0.0037 U	0.19	0.018 J	0.041	0.0075 U	0.053	0.0037 U	14	86	
2037 Crawford	120724001	EB-132	21	7/24/2012	Yes	0.097	0.053	0.22	0.039	0.0041 U	0.36	0.29	0.064	0.0082 U	0.91	0.0041 U	17	83	
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.035 J	0.039 U	0.032 J	0.039 U	0.0043 U	0.027 J	0.032 J	0.039 U	0.0086 U	0.070	0.0043 U	17	83	

Notes:

1) ft bgs - feet below ground surface

2) -- - No screening level for this analyte.

3) U - Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [milligram per kilogram (mg/kg)]													
						: Phenanthrene	: Phenol	: Pyrene	Toluene	Xylenes, Total	- Diesel Range Organics : [C10-C28]	- Gasoline Range Organics (C6-C9)	Total Petroleum Hydrocarbons <sup>†</sup>	: Aluminum	: Antimony	: Arsenic	: Barium	: Cadmium	
2037 Crawford	120705002	EB-115	21	7/5/2012	Yes	0.028 J	0.20 U	0.039 U	0.0040 U	0.0080 U	120	0.060 U	120	10000	2.3 U	6.2	47	0.22 J	
2037 Crawford	120705003	EB-116	21	7/5/2012	Yes	0.31	0.20 U	0.17	0.0040 U	0.0081 U	79	0.060 U	79	11000	0.62 J	6.7	47	0.21 J	
2037 Crawford	120706001	EB-117	12	7/6/2012	No	230	9.5 U	79	2.8	10	3600	57	3657	8800	0.71 J B	12	34	0.25	
2037 Crawford	120706002	EB-118	12	7/6/2012	Yes	0.20	0.19 U	0.043	0.0090 U	0.056	320	13	333	9300	0.80 J B	11	38	0.29	
2037 Crawford	120712001	EB-119	14	7/12/2012	Yes	45 *	0.91 U *	23	0.063	0.21	250	7.1	257.1	11000	2.3 U	5.3	36	0.29	
2037 Crawford	120712002	EB-120	14	7/12/2012	Yes	0.14 *	0.19 U *	0.043	0.0094 U	0.028	330	19	349	9000	0.32 J B	9.0	34	0.26	
2037 Crawford	120712003	EB-121	12	7/12/2012	Yes	0.23 *	0.19 U *	0.17	0.0040 U	0.0081 U	200	2.2	202.2	12000	2.4 U	7.2	40	0.19 J	
2037 Crawford	120712004	EB-122	12	7/12/2012	Yes	0.060 *	0.19 U *	0.015 J	0.0041 U	0.0083 U	260	6.8	266.8	10000	2.3 U	6.5	41	0.19 J	
2037 Crawford	120712005	EB-123	12	7/12/2012	Yes	0.037 *	0.18 U *	0.037 U	6.0	9.7	400	81	481	9800	2.2 U	6.7	25	0.27	
2037 Crawford	120713001	EW-28	6	7/13/2012	Yes	0.21	0.17 U	0.23	0.0044 U	0.0087 U	13	0.054 U	13	2600	0.38 J	5.8	8.9	0.14 J	
2037 Crawford	120713002	EW-29	6	7/13/2012	Yes	0.035 U	0.18 U	41	0.0041 U	0.0082 U	110	0.054 U	110	1700	0.37 J	6.0	5.6	0.13 J	
2037 Crawford	120713003	EW-29 (dup)	6	7/13/2012	Yes	0.21	0.17 U	130	0.0045 U	0.0090 U	240	0.054 U	240	1800	0.45 J	5.1	5.4	0.14 J	
2037 Crawford	120713004	EW-30	6	7/13/2012	Yes	0.59	0.19 U	6.1	0.0041 U	0.0081 U	110	0.061 U	110	10000	0.84 J	11	64	0.23 J	
2037 Crawford	120716004	EB-124	11.5	7/16/2012	Yes	0.029 J	0.19 U	0.030 J	0.22	5.7	210	43	253	11000	0.36 J	5.3	50	0.19 J	
2037 Crawford	120716005	EB-125	11.5	7/16/2012	Yes	0.093	0.19 U	0.024 J	0.099	2.5	150	16	166	9700	0.62 J	9.1	37	0.29	
2037 Crawford	120716006	EW-30	6	7/16/2012	Yes	0.63	0.19 U	0.42	0.15	2.2	210	14	224	8400	0.64 J	11	32	0.27	
2037 Crawford	120716007	EW-31	6	7/16/2012	Yes	0.77	0.18 U	0.37	0.0091 U	0.023	51	0.027 J	51	2400	0.29 J	6.5	6.2	0.13 J	
2037 Crawford	120716008	EW-32	6	7/16/2012	Yes	0.037 U	0.19 U	0.037 U	0.0037 U	0.0074 U	16	0.058 U	16	3100	0.36 J	9.1	15	0.16 J	
2037 Crawford	120718004	EB-126	16	7/18/2012	Yes	0.039 U	0.20 U	0.032 J	0.0061 J	0.031	120	10	130	11000	2.1 U	6.6	51	0.22	
2037 Crawford	120718005	EB-127	16	7/18/2012	Yes	0.035 J	0.20 U	0.023 J	0.0045 U	0.0090 U	34	0.060 U	34	14000	2.3 U	4.8	34	0.22 J	
2037 Crawford	120718006	EB-128	16	7/18/2012	Yes	0.11	0.19 U	0.028 J	0.0096 U	0.019 U	270	13	283	8700	2.0 U	7.9	31	0.23	
2037 Crawford	120723001	EB-129	16	7/23/2012	Yes	0.037	0.18 U	0.034 J	0.0037 U	0.0074 U	48	0.057 U	48	7500	0.49 J	2.6	33	0.17 J	
2037 Crawford	120723002	EB-130	16	7/23/2012	Yes	0.054	0.20 U	0.045	0.0035 U	0.0071 U	220	0.059 U	220	6900	0.46 J	7.8	45	0.21 J	
2037 Crawford	120723003	EB-131	16	7/23/2012	Yes	0.29	0.19 U	0.060	0.0037 U	0.0075 U	270	0.058 U	270	7800	0.45 J	10	25	0.25	
2037 Crawford	120724001	EB-132	21	7/24/2012	Yes	0.94	0.19 U	0.38	0.0041 U	0.0082 U	140	0.061 U	140	12000	0.63 J	5.4	49	0.20 J	
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.11	0.20 U	0.037 J	0.0043 U	0.0086 U	85	0.060 U	85	12000	0.50 J	6.4	45	0.19 J	

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Chromium	: Copper	: Cyanide, Total	: Iron	- Lead	: Manganese	- Mercury	- Nickel	- Selenium	- Silver	- Vanadium	- Zinc		
2037 Crawford	120705002	EB-115	21	7/5/2012	Yes	19	21	0.46 U	21000	13	350	0.032 B	34	1.1 U	0.57 U	20	58		
2037 Crawford	120705003	EB-116	21	7/5/2012	Yes	20	24	0.59 U	22000	15	360	0.037 B	36	1.1 U	0.56 U	22	62		
2037 Crawford	120706001	EB-117	12	7/6/2012	No	17	33	0.19 J	21000	20	400	0.033	36	0.73 J	0.50 U	20	58		
2037 Crawford	120706002	EB-118	12	7/6/2012	Yes	16	32	0.45 U	21000	18	350	0.028	38	0.65 J	0.51 U	20	60		
2037 Crawford	120712001	EB-119	14	7/12/2012	Yes	20	23	0.54 U	19000	12 B	350	0.027	31	0.32 J	0.56 U	21	49		
2037 Crawford	120712002	EB-120	14	7/12/2012	Yes	16	33	0.57 U	23000	16 B	470	0.027	33	0.42 J	0.53 U	18	43		
2037 Crawford	120712003	EB-121	12	7/12/2012	Yes	20	25	0.59 U	24000	13 B	390	0.028	31	0.52 J	0.59 U	21	51		
2037 Crawford	120712004	EB-122	12	7/12/2012	Yes	18	27	0.59 U	23000	14 B	400	0.017 J	30	1.1 U	0.57 U	19	50		
2037 Crawford	120712005	EB-123	12	7/12/2012	Yes	17	28	0.56 U	20000	15 B	460	0.020	32	0.48 J	0.54 U	19	53		
2037 Crawford	120713001	EW-28	6	7/13/2012	Yes	6.9	6.6	0.42 U	8100	6.3	150	0.018 U	9.0	0.92 U	0.46 U	10	13		
2037 Crawford	120713002	EW-29	6	7/13/2012	Yes	3.8	6.3	0.48 J	7500	5.7	81	0.017 U	6.9	0.42 J	0.47 U	8.4	11		
2037 Crawford	120713003	EW-29 (dup)	6	7/13/2012	Yes	5.1	5.6	0.51	7900	5.4	90	0.017 U	7.0	0.35 J	0.51 U	9.8	12		
2037 Crawford	120713004	EW-30	6	7/13/2012	Yes	18	28	0.53 U	25000	21	250	0.020	34	0.49 J	0.61 U	24	51		
2037 Crawford	120716004	EB-124	11.5	7/16/2012	Yes	19 V	20	0.15 J	21000 V	13	380 V	0.0091 J	34	0.57 J	0.58 U	20	59		
2037 Crawford	120716005	EB-125	11.5	7/16/2012	Yes	17	31	0.50 U	21000	16	350	0.010 J	38	0.61 J	0.58 U	19	69		
2037 Crawford	120716006	EW-30	6	7/16/2012	Yes	15	28	4.8	23000	19	460	0.090	35	0.39 J	0.57 U	18	66		
2037 Crawford	120716007	EW-31	6	7/16/2012	Yes	5.1	7.2	0.13 J	9600	6.1	160	0.017 U	8.7	0.93 U	0.47 U	12	13		
2037 Crawford	120716008	EW-32	6	7/16/2012	Yes	11	8.8	0.42 U	13000	8.4	210	0.017 U	12	1.0 U	0.52 U	14	17		
2037 Crawford	120718004	EB-126	16	7/18/2012	Yes	20	25	0.44 U	22000	13 B	370	0.023	33	1.1 U	0.53 U	21 B	49		
2037 Crawford	120718005	EB-127	16	7/18/2012	Yes	23	19	0.47 U	23000	11 B	390	0.022	35	1.2 U	0.58 U	26 B	49		
2037 Crawford	120718006	EB-128	16	7/18/2012	Yes	16	28	0.21 J	20000	14 B	390	0.030	31	1.0 U	0.51 U	17 B	47		
2037 Crawford	120723001	EB-129	16	7/23/2012	Yes	18	14	0.38 U	12000	6.5	230	0.014 J	17	0.48 J	0.54 U	20	30		
2037 Crawford	120723002	EB-130	16	7/23/2012	Yes	14	21	0.42 U	16000	12	340	0.024	24	1.1 U	0.57 U	15	39		
2037 Crawford	120723003	EB-131	16	7/23/2012	Yes	15	31	0.51 U	20000	18	320	0.037	33	0.43 J	0.53 U	18	56		
2037 Crawford	120724001	EB-132	21	7/24/2012	Yes	21	21	0.57 U	20000	12	340	0.026	33	1.2 U	0.60 U	23	61		
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	20 V	21	0.46 U	21000 V	13	350 V	0.023	36	1.2 U	0.60 U	22	59		

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) † - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						1,1,2,4-Trimethylbenzene 146	1,3,5-Trimethylbenzene 70.6	2,4-Dimethylphenol 4678	: 2-Methylnaphthalene	: 2-Methylnaphthalene	: 3 & 4 Methylphenol	: Acenaphthene	: Acenaphthylene	: Anthracene	Benzene	: Benzo[a]anthracene	: Benzo[a]pyrene	- Benzof[b]fluoranthene	
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.0043 U	0.0043 U	0.39 U	0.066 J	0.20 U	0.20 U	0.024 J	0.039 U	0.020 J	0.0043 U	0.023 J	0.015 J	0.012 J	
2037 Crawford	120725004	EB-134	21	7/25/2012	Yes	0.0039 U	0.0039 U	0.37 U	0.23	0.19 U	0.19 U	0.13	0.031 J	0.12	0.0039 U	0.090	0.066	0.056	
2037 Crawford	120725005	EB-135	21	7/25/2012	Yes	0.0038 U	0.0038 U	0.38 U	0.13 J	0.19 U	0.19 U	0.026 J	0.023 J	0.035 J	0.0038 U	0.027 J	0.022 J	0.028 J	
2037 Crawford	120726001	EB-136	16	7/26/2012	Yes	0.0037 U	0.0037 U	0.39 U	0.093 J	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.0037 U	0.039 U	0.039 U	0.011 J	
2037 Crawford	120726002	EB-137	16	7/26/2012	Yes	0.0040 U	0.0040 U	0.39 U	0.064 J	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.0040 U	0.039 U	0.039 U	0.039 U	
2037 Crawford	120726003	EB-138	16	7/26/2012	Yes	0.0039 U	0.0039 U	0.39 U	0.20 U	0.20 U	0.20 U	0.039 U	0.039 U	0.039 U	0.0039 U	0.039 U	0.0079 J	0.0099 J	
2037 Crawford	120731005	EW-34	6	7/31/2012	Yes	0.0043 U	0.0043 U	0.39 U	0.20 U	0.20 U	0.20 U	0.013 J	0.039 U	0.039 U	0.0043 U	0.014 J	0.012 J	0.015 J	
2037 Crawford	120731006	EW-35	6	7/31/2012	Yes	0.0040 U	0.0040 U	0.39 U	0.20 U	0.20 U	0.20 U	0.039 U	0.038 J	0.034 J	0.0040 U	0.15	0.11	0.14	
2037 Crawford	120731007	EW-35 (dup)	6	7/31/2012	Yes	0.0042 U	0.0042 U	0.40 U	0.059 J	0.20 U	0.20 U	0.013 J	0.18	0.18	0.0042 U	0.78	0.57	0.60	
2037 Crawford	120731008	EB-139	14	7/31/2012	Yes	0.0035 U	0.0035 U	0.39 U	0.14 J	0.20 U	0.20 U	0.034 J	0.059	0.059	0.0035 U	0.078	0.063	0.058	
2037 Crawford	120731009	EB-140	14	7/31/2012	Yes	0.043 J	0.075 U	0.38 U	0.94	0.19 U	0.19 U	0.27	0.32	0.55	0.0075 J	0.88	0.62	0.71	

Notes:

1) ft bgs - feet below ground surface

2) -- - No screening level for this analyte.

3) U - Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Benzo[g,h,i]perylene	: Benzo[k]fluoranthene	: Chrysene	: Dibenz(a,h)anthracene	400	Ethylbenzene	: Fluoranthene	: Fluorene	: Indeno[1,2,3-cd]pyrene	: m&p-Xylene	: Naphthalene	: o-Xylene	: Percent Moisture	: Percent Solids
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.035 J	0.039 U	0.032 J	0.039 U	0.0043 U	0.027 J	0.032 J	0.039 U	0.0086 U	0.070	0.0043 U	17	83	
2037 Crawford	120725004	EB-134	21	7/25/2012	Yes	0.033 J	0.045	0.10	0.037 U	0.0039 U	0.17	0.15	0.018 J	0.0078 U	0.23	0.0039 U	16	84	
2037 Crawford	120725005	EB-135	21	7/25/2012	Yes	0.034 J	0.016 J	0.045	0.038 U	0.0038 U	0.057	0.047	0.038 U	0.0076 U	0.13	0.0038 U	16	84	
2037 Crawford	120726001	EB-136	16	7/26/2012	Yes	0.027 J	0.011 J	0.022 J	0.039 U	0.0037 U	0.039 U	0.039 U	0.039 U	0.0074 U	0.036 J	0.0037 U	15	85	
2037 Crawford	120726002	EB-137	16	7/26/2012	Yes	0.032 J	0.039 U	0.019 J	0.039 U	0.0040 U	0.039 U	0.039 U	0.039 U	0.0080 U	0.011 J	0.0040 U	16	84	
2037 Crawford	120726003	EB-138	16	7/26/2012	Yes	0.027 J	0.039 U	0.017 J	0.039 U	0.0039 U	0.039 U	0.039 U	0.039 U	0.0078 U	0.028 J	0.0039 U	17	83	
2037 Crawford	120731005	EW-34	6	7/31/2012	Yes	0.023 J	0.039 U	0.021 J	0.039 U	0.0043 U	0.019 J	0.011 J	0.039 U	0.0086 U	0.010 J	0.0043 U	15	85	
2037 Crawford	120731006	EW-35	6	7/31/2012	Yes	0.083	0.053	0.17	0.031 J	0.0040 U	0.22	0.012 J	0.065	0.0080 U	0.017 J	0.0040 U	19	81	
2037 Crawford	120731007	EW-35 (dup)	6	7/31/2012	Yes	0.36	0.27	0.75	0.13	0.0042 U	1.3	0.10	0.31	0.0084 U	0.098	0.0042 U	19	81	
2037 Crawford	120731008	EB-139	14	7/31/2012	Yes	0.067	0.028 J	0.10	0.012 J	0.0035 U	0.14	0.076	0.029 J	0.0071 U	0.24	0.0035 U	16	84	
2037 Crawford	120731009	EB-140	14	7/31/2012	Yes	0.40	0.26	0.69	0.10	0.016	2.0	0.91	0.35	0.027	3.0	0.015	17	83	

Notes:

1) ft bgs - feet below ground surface

2) -- - No screening level for this analyte.

3) U - Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]														
						: Phenanthrene	: Phenol	: Pyrene	Toluene	Xylenes, Total	Diesel Range Organics : [C10-C28]	Gasoline Range Organics (C6-C9)	Total Petroleum Hydrocarbons <sup>†</sup>	: Aluminum	: Antimony	: Arsenic	: Barium	: Cadmium		
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	0.11	0.20 U	0.037 J	0.0043 U	0.0086 U	85	0.060 U	85	12000	0.50 J	6.4	45	0.19 J		
2037 Crawford	120725004	EB-134	21	7/25/2012	Yes	0.45	0.19 U	0.21	0.0039 U	0.0078 U	220	0.060 U	220	12000 B	2.2 U	8.0	45	0.36		
2037 Crawford	120725005	EB-135	21	7/25/2012	Yes	0.17	0.19 U	0.076	0.0038 U	0.0076 U	130	7.3	137.3	11000 B	2.2 U	9.1	37	0.39		
2037 Crawford	120726001	EB-136	16	7/26/2012	Yes	0.056	0.20 U	0.014 J	0.0037 U	0.0074 U	170	0.059 U	170	12000 B	2.2 U	6.3	51	0.37		
2037 Crawford	120726002	EB-137	16	7/26/2012	Yes	0.054	0.20 U	0.039 U	0.0040 U	0.0080 U	46	0.059 U	46	14000 B	2.3 U	6.4	62	0.37		
2037 Crawford	120726003	EB-138	16	7/26/2012	Yes	0.040	0.20 U	0.039 U	0.0039 U	0.0078 U	110	0.061 U	110	11000 B	2.1 U	7.6	28	0.91		
2037 Crawford	120731005	EW-34	6	7/31/2012	Yes	0.023 J	0.20 U	0.022 J	0.0043 U	0.0086 U	72	0.059 U	72	12000	0.66 J	9.1	83	0.23		
2037 Crawford	120731006	EW-35	6	7/31/2012	Yes	0.11	0.20 U	0.23	0.0040 U	0.0080 U	33	0.062 U	33	14000	0.69 J	7.5	70	0.24		
2037 Crawford	120731007	EW-35 (dup)	6	7/31/2012	Yes	0.81	0.20 U	1.2	0.0042 U	0.0084 U	37	0.062 U	37	14000	0.60 J	7.7	54	0.19 J		
2037 Crawford	120731008	EB-139	14	7/31/2012	Yes	0.28	0.20 U	0.17	0.0035 U	0.0071 U	320	0.060 U	320	11000	0.60 J	8.7	35	0.22 J		
2037 Crawford	120731009	EB-140	14	7/31/2012	Yes	2.7	0.19 U	1.4	0.0081 J	0.042	200	8.0	208	9700	0.77 J	7.6	38	0.29		

Notes:

1) ft bgs - feet below ground surface

2) -- - No screening level for this analyte.

3) U - Analyte was not detected. The associated number is the detection limit.

4) J - Result is an estimated value.

5) \* - LCS or LCSD exceeds the control limits

6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.

7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 2**

**Post Excavation Soil Samples**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client Project	Sample ID	Sample Location	Sample Depth (ft bgs)	Date Collected	Below Post-Excavation Sampling Criteria	Constituent/Screening Level/Result [miligram per kilogram (mg/kg)]													
						: Chromium	: Copper	: Cyanide, Total	: Iron	: Lead	: Manganese	: Mercury	: Nickel	: Selenium	: Silver	: Vanadium	: Zinc		
2037 Crawford	120724002	EB-133	21	7/24/2012	Yes	20 V	21	0.46 U	21000 V	13	350 V	0.023	36	1.2 U	0.60 U	22	59		
2037 Crawford	120725004	EB-134	21	7/25/2012	Yes	21 B	25	0.54 U	22000	13	380	0.016 J	34 B	0.34 J	0.55 U	23	52 B		
2037 Crawford	120725005	EB-135	21	7/25/2012	Yes	19 B	28	0.58 U	22000	14	380	0.018 J	33 B	0.35 J	0.56 U	21	47 B		
2037 Crawford	120726001	EB-136	16	7/26/2012	Yes	21 B	25	0.45 U	22000	12	390	0.020	32 B	0.44 J	0.55 U	23	49 B		
2037 Crawford	120726002	EB-137	16	7/26/2012	Yes	24 B	20	0.53 U	22000	10	380	0.024	31 B	0.46 J	0.56 U	26	49 B		
2037 Crawford	120726003	EB-138	16	7/26/2012	Yes	19 B	28	0.52 U	22000	14	390	0.027	33 B	0.50 J	0.53 U	21	87 B		
2037 Crawford	120731005	EW-34	6	7/31/2012	Yes	20	27	0.53 U	24000	15	320	0.023	35	0.41 J	0.55 U	25	60		
2037 Crawford	120731006	EW-35	6	7/31/2012	Yes	21	25	2.7	21000	14	470	0.035	35	1.2 U	0.61 U	25	54		
2037 Crawford	120731007	EW-35 (dup)	6	7/31/2012	Yes	21	24	3.7	23000	16	400	0.033	35	0.52 J	0.58 U	26	57		
2037 Crawford	120731008	EB-139	14	7/31/2012	Yes	19	27	0.39 U	20000	15	350	0.027	36	1.1 U	0.57 U	21	54		
2037 Crawford	120731009	EB-140	14	7/31/2012	Yes	17	24	0.38 U	19000	15	340	0.022	34	1.1 U	0.55 U	19	65		

Notes:

- 1) ft bgs - feet below ground surface
- 2) -- - No screening level for this analyte.
- 3) U - Analyte was not detected. The associated number is the detection limit.
- 4) J - Result is an estimated value.
- 5) \* - LCS or LCSD exceeds the control limits
- 6) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics.
- 7) Samples EB-117 and EB-118 were removed through excavation of Area K. Samples EB-119 and EB-120 were collected after additional excavation of Area K was performed.

**Attachment No. 3**

**Parcel L Investigation Soil Sample Data — June 2012**

**Former Crawford Station MGP Site, Chicago, Illinois**

**Peoples Gas Light and Coke Company**

ILN0000510192

Client ID	Location	Depth Range (ft bgs)	Sample Collection Date	Constituent/Result [milligram per kilogram (mg/kg)]											
				1,2,4- Trimethylbenzene	1,3,5- Trimethylbenzene	Benzene	Ethylbenzene	m&p-Xylene	c-Xylene	Toluene	Xylenes, Total	Gasoline Range Organics (C6-C9)	Diesel Range Organics [C10-C28]	Total Petroleum Hydrocarbons <sup>†</sup>	
120606101	SP-501	7-9	6/6/2012	0.24	0.091	0.22	0.18	0.14	0.12	0.062	0.26	8.1	2400	2408	
120606102	SP-502	7-9	6/6/2012	0.26	0.14	0.11	0.23	0.17	0.17	0.081	0.34	11	1700	1711	
120606103	SP-503	12-14	6/6/2012	6.5	1.1	0.6	20	3.6	5.7	<0.11	9.4	100	1200	1300	
120606104	SP-504	7-9	6/6/2012	0.18	0.080 J	0.18	0.15	0.12	0.1	0.068	0.22	4.3	1600	1604	
120606105	SP-505	7-9	6/6/2012	0.83	0.22 J	0.4	0.62	0.28	0.35	0.25	0.63	17	3600	3617	
120606106	SP-506	7-9	6/6/2012	4.8	0.74	0.62	6	0.22	0.59	0.16	0.81	64	6000	6064	
120606107	SP-507	12-14	6/6/2012	0.064 J	<0.21	<0.026	0.016 J	<0.053	<0.026	0.020 J	<0.053	2.1	7500	7502	
120606108	SP-508	10-12	6/6/2012	<0.10	<0.10	<0.013	<0.013	<0.026	<0.013	0.010 J	<0.026	3.7	520	524	
120606109	SP-509	7-9	6/6/2012	<1.6	<1.6	<0.20	<0.20	<0.41	0.15 J	0.14 J	0.15 J	7.8 J	1600	1608	
120606110	SP-510	7-9	6/6/2012	0.063 J	<0.089	0.077	0.087	0.1	0.051	0.089	0.15	5.1	1600	1605	
120606111	SP-511	8-10	6/6/2012	0.13 J	0.096 J	0.15	0.094	0.13	0.1	0.13	0.23	7	20000	20007	
120606112	SP-512	13-15	6/6/2012	<0.20	<0.20	0.19	0.096	0.13	0.12	0.24	0.25	17	1300	1317	
120607101	SP-513	6-8	6/7/2012	0.15	0.071 J	0.16	0.18	0.15	0.11	0.11	0.26	14	2200	2214	
120607102	SP-514	13-15	6/7/2012	1.7	1.2	2.5	0.43	0.64	0.58	0.19	1.2	21	21000	21021	
120607103	SP-514	13-15	6/7/2012	0.79	0.41 J	0.43	0.14	0.27	0.19	0.084	0.46	11	47000	47011	
120607104	SP-515	10-12	6/7/2012	1.1	0.5	0.28	0.52	0.53	0.44	0.14	0.97	17	2700	2717	
120607105	SP-516	15-17	6/7/2012	0.14	0.044 J	0.097	0.084	0.3	0.1	0.079	0.4	12	670	682	
120607106	SP-517	7-9	6/7/2012	0.22	0.3	<0.019	0.084	0.28	0.19	0.14	0.47	25	500	525	
120607107	SP-518	7-9	6/7/2012	0.28	0.13	0.44	0.31	0.49	0.2	0.49	0.68	28	130	158	
120607108	SP-518	14-16	6/7/2012	<0.17	<0.17	1.3	0.53	0.048	0.069	0.013 J	0.12	27	560	587	
120607109	SP-519	8-10	6/7/2012	0.33	<0.16	<0.020	<0.020	<0.039	<0.020	<0.020	<0.039	3.9	79	83	
120607110	SP-520	7-9	6/7/2012	0.57	0.27	0.057	0.12	0.61	0.48	0.22	1.1	30	340	370	
120607111	SP-521	8-10	6/7/2012	<0.085	<0.085	<0.011	<0.011	<0.021	<0.011	<0.011	<0.021	7.9	180	188	
120607112	SP-522	7-9	6/7/2012	0.064 J	0.033 J	0.024	0.014	0.027	0.017	0.0085 J	0.043	0.81 J	1600	1600	
120607113	SP-522	13-15	6/7/2012	<0.088	<0.088	<0.011	<0.011	<0.022	<0.011	<0.011	<0.022	<0.88	1800	1800	
120608101	SP-527	15-17	6/7/2012	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0078	1	210	211	
120608102	SP-528	15-17	6/7/2012	5.1	0.43 J	2.2	3	<0.22	0.39	<0.11	0.39	31	5200	5231	
120608103	SP-528	21-23	6/7/2012	3.7	0.31 J	1.3	1.4	<0.093	0.12	<0.046	0.12	28	1900	1928	
120608104	SP-528	26-28	6/7/2012	5.6	0.66 J	1.5	4.6	<0.23	0.69	<0.11	0.69	44	3300	3344	

Notes:

1) ft bgs - feet below ground surface

2) <sup>†</sup> - Total Petroleum Hydrocarbons is the sum of Diesel Range Organics and Gasoline Range Organics. If either parameter was non-detect, half of the detection limit was used for the sum.

3) < - Analyte was not detected. The associated number is the detection limit

4) J - Result is an estimated value.